

Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only

EFS ID: 13058  
Application ID: 09683145  
Title of Invention: A METHOD AND AN ASSEMBLY  
FOR DETERMINING THE  
EXISTENCE AND THE SIZE OF A  
GAP  
First Named Inventor: Kelly Kohlstrand  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2001-11-27  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: 201-0251 RLC  
Digital Certificate Holder: cn=Damian Porcari, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US  
Certificate Message Digest: lJb7qAdMzoM36R4anCXY2w==  
Total Fees Authorized: \$780.0  
Payment Category: DA - Deposit Account  
Deposit Account Number: 61510  
Deposit Account Name: Sandra M. Lewis



# TRANSMITTAL FORM

Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: Utility Patent  
Filing

Attorney Docket  
Number:

JC930 U.S. PTO  
09/683145  
11/27/01  
201-0251  
RLC

## A METHOD AND AN ASSEMBLY FOR DETERMINING THE EXISTENCE AND THE SIZE OF A GAP

First Named Inventor: Kelly Michael Kohlstrand

### SUBMITTED BY

Organization Name:	Ford Motor Company
Name:	Sandra Lewis Electronic Filing Specialist
Electronic Signature Mark: /sml	Date Signed: 20011127

*I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.*

*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

declaration	declaration1 of 2.tif
declaration	declaration2 of 2.tif

declaration	consentletter.tif
declaration	infodisclosurestatement.tif
bibd-transmittal	201-0251apds.xml
fee-transmittal	201-0251fee.xml
patent-assignments	201-0251asgn.xml
specification	Specification.xml

Attached Image File(s):

declaration1of2.tif  
declaration2of2.tif  
consentletter.tif  
infodisclosurestatement.tif

201-0251apds.xml

Comments:

09683145

o

**DECLARATION AND POWER OF ATTORNEY - ORIGINAL APPLICATION**Attorney's Docket No.  
**201-0251**

As a below named inventor, I hereby declare:

My residence, post office address and citizenship are as stated below next to my name;

I verily believe I am the original, first and sole inventor or an original, first and joint inventor of the subject matter that is claimed for which a patent is sought on the invention entitled

**A METHOD AND AN ASSEMBLY FOR DETERMINING THE EXISTENCE AND THE SIZE OF A GAP**

the specification of which is attached hereto.

I have reviewed and understand the contents of the specification identified above, including the claims.

I acknowledge my duty to disclose information of which I am aware that is material to the examination of this application in accordance with Section 1.56(a), Title 37 of the Code of Federal Regulations; and as to application for patents or inventor's certificate on the invention filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns,

☒ no such applications have been filed, or

☐ such applications have been filed as follows:

☐ I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below

COUNTRY	APPLICATION NO.	DATE OF FILING (month, day, year)	DATE OF ISSUE (month, day, year)	PRIORITY CLAIMED UNDER 35 USC 119	<input type="checkbox"/> Additional provisional application numbers: on a supp priority da PTO/SB/C attached!

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which becomes available between the filing date of the prior application and the national or PCT International filing date of this application.

(Application Number) (Filing Date) (Status - patented, pending, abandoned)

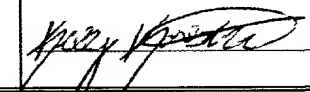
(Application Number) (Filing Date) (Status - patented, pending, abandoned)

**POWER OF ATTORNEY:** - I/we hereby appoint the following Practitioners: Customer No. 28804, John G. Chupa - 33,4 my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office and all foreign Patent Offices.

**Address all correspondence and telephone calls to:**

John G. Chupa  
Chupa & Alberti, P.C.  
31313 Northwestern Highway, Suite 205  
Farmington Hills, MI 48334 Phone: 1-248-865-9588

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statement jeopardize the validity of the application or any patent issuing thereon.

NAME AND MAILING ADDRESS OF INVENTOR:	RESIDENCE	CITIZENSHIP	SIGNATURE
Kelly Michael Kohlstrand 2327 22nd Wyandotte, MI 48192-4147	Wyandotte, MI 48192-4147	U.S.A	

FOIA b 7 - DATED 04/11/2011

PATENT APPLICATION

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D. C. 20231

Case Docket No. **201-0251**  
Date: November 21, 2001

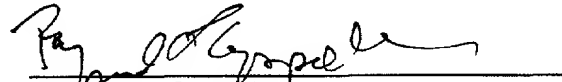
Sir:

Inventor(s):  
**Kelly Kohlstrand**

For: **A METHOD AND AN ASSEMBLY FOR DETERMINING THE EXISTENCE AND THE SIZE OF A GAP**

The attorney or agent below has reviewed this application and its attachments and consents to electronic filing by the assignee.

Respectfully submitted:



Raymond L. Coppiellie  
Attorney or Agent of Record  
Registration No. 33,311  
Ford Global Technologies, Inc.  
One Parklane Blvd.,  
600 Parklane Towers East  
Dearborn, MI 48126  
Telephone: 313-337-1069

09683145

Patent Form 1449A

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		Application Number	To be assigned
		Filing Date	Herewith
		Applicants	Kohlstrand
		Group Art Unit	
		Examiner Name	
Sheet	of	Attorney Docket Number	201-0251

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL*	Cite No. <sup>1</sup>	DOCUMENT NUMBER	Kind Code <sup>2</sup> (if known)	NAME	DATE MM-DD-YY	Pages, Columns, Lines, Where Relevant Passage: Figures Appear
		4,345,380		Vis	8/24/82	
		4,973,957		Shimizu, et al.	11/27/90	
		5,109,213		Williams	4/28/92	
		5,657,550		Struble	8/19/97	
		5,768,794		Kelly	6/23/98	
		6,115,930		Shigyo	9/12/00	

FOREIGN PATENT DOCUMENTS						
EXAMINER INITIAL*	Cite No. <sup>1</sup>	Foreign Patent Document			NAME	DATE MM-DD-YY
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)		

EXAMINER \_\_\_\_\_ DATE CONSIDERED \_\_\_\_\_

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and no Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached. <sup>3</sup>Enter Office that issued document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if po <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.



# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 780**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 06-1510



Deposit Account Name: Ford Global Technologies, Inc.

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

## SUBMITTED BY

Authorized Name: Sandra M. Lewis

Electronic Signature Mark: /sml

Date Signed: 20011127

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 18	103	\$ 18	0	\$ 0
Independent Claims: 3	102	\$ 84	0	\$ 0

Subtotal For Extra Claims Fees: \$ 0

ADDITIONAL FEES

Fee Description	Fee Code	Fee Paid	Quantity	Number
Recording Each Patent Assignment Per Property Fee	581	\$ 40	1	NA

Subtotal For Additional Fees: \$ 40

09683145